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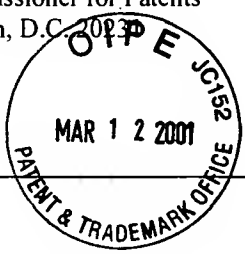
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Typed or Printed Name	Donna Macedo		
Signature	<i>Donna Macedo</i>	Date	3/6/01

PRELIMINARY AMENDMENT

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231



Attorney Docket Confirmation No.	TOSK-004
First Named Inventor	Fogarty
Application Number	09/472,654
Filing Date	December 27, 1999
Group Art Unit	1641
Examiner Name	M. Pham
Title	In Vivo High Throughput Toxicology Screening Method

Sir:

This preliminary amendment is submitted concurrently with the Response to Restriction Requirement, and in advance of prosecution on the merits.

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MAR 14 2001

Please amend the above identified application as follows:

TECH CENTER 1000/2000

In the claims:

1. (Amended) A high throughput toxicology screening method in which at least 10 different compound compositions are simultaneously assayed for toxicity, said method comprising:
simultaneously assaying at least 10 different compound compositions for toxicity, wherein each of said at least 10 different compound compositions is assayed for toxicity by:
(a) contacting said compound composition with a plurality of non-mammalian multi-cellular organisms; and
(b) determining the effect of said compound composition on said non-mammalian multi-cellular organisms;
wherein each of said compound compositions is selected from the group consisting of: known pharmacologically active compounds and candidate pharmacologically active compounds.

6. (Amended) A high throughput toxicology screening method in which at least 10 different compound compositions are simultaneously assayed for toxicity, said method comprising:
simultaneously assaying at least 10 different compound compositions for toxicity, wherein each of said at least 10 different compound compositions is assayed for toxicity by: